

1 **ABSTRACT**

2 A process for rapid data recovery, data cleaning and an automated self-
3 maintenance of the data recovery mechanism is provided. Dirty input data
4 records are used in conjunction with and to build and revise a fast indexing table
5 wherein index keys point to clean data records with which the input data should
6 be rightly associated. Mechanisms for automated revision of the indexing table
7 are described. Said table forms a tool useful in data mining and knowledge
8 discovery to analysis of heuristic processes.